

# Converting Colors

Hex(1F4320)

Have a look what the booklet for  
Hex(1F4320) contains.

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# Color

**Hex(1F4320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F4320
RGB	31, 67, 32
RGB Percent	12%, 26%, 13%
CMY	0.8784, 0.7373, 0.8745
CMYK	0.54, 0.00, 0.52, 0.74
HSL	122°, 37%, 19%
HSV	122°, 54%, 26%
XYZ	2.8329, 4.4099, 2.0684
YIQ	52.2460, -10.2210, -18.5170

# Conversions

## Conversions Part 2

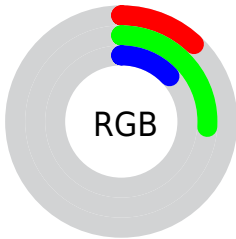
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 66, 67
Decimal	2048800
CIE Lab	24.98, -21.62, 17.30
CIE LCh	25, 27.690, 141.347
Yxy	4.4099, 0.3043, 0.4736
Android (android.graphics.Color)	4280238880 (0xFF1F4320)
YUV	52.2460, -9.9813, -18.6327
Hunter-Lab	20.9998, -12.6693, 8.8600

# Details

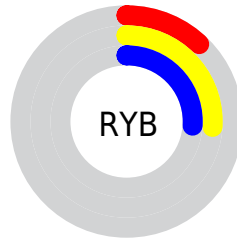
The Hex color **1F4320** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **431F42**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4E734D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **184319**, and if you desaturate by 10%, it is **264327**.

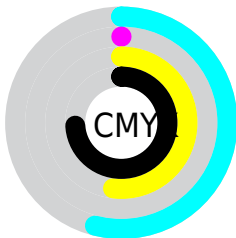
# Distribution



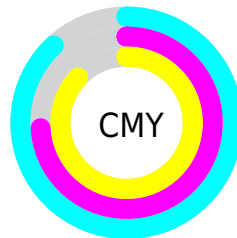
- Red (12%)
- Green (26%)
- Blue (13%)



- Red (12%)
- Yellow (26%)
- Blue (26%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)
- Black (74%)



- Cyan (88%)
- Magenta (74%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F4320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1F4320 by changing the saturation by 10% instead.



 1F4320

 1F4320

FFFFFF

 082C0A

 4E734D

 001A00

 678D65

 000000

 81A87E

 9BC398

 B6DFB3

 D2FCCE

 EEFFEB

 1F4320

 1F4320

■ 184319

■ 264327

■ 124313

■ 2C432D

■ 0B430C

■ 334334

■ 044306

■ 3A433A

■ 004302

■ 414341

■ 474347

■ 4E434E

■ 554354

■ 5B435B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



383F12



1F4320



004534

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F4320



003F64



622A2D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1F4320



431F42

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5E2942



1F4320



323862

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1F4320



00445B



4F3056



5B301B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1F4320



004643



4F3056



622934



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1F4320



495749



42431F



232B23



ABABAB



2B2B2B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1F4320



1F5721



1F4332



1E211E



006103



00E006



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



431F42



571F55



431F30



211E21



61005E

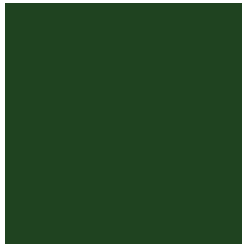


E000DA



# Previews

## White Background



This preview shows how the Hex color 1F4320 looks on a white background.

## Color Contrast Check

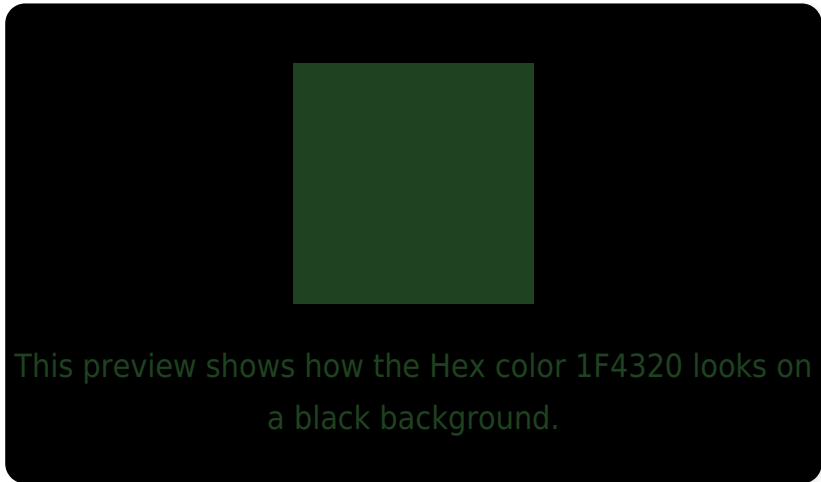
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

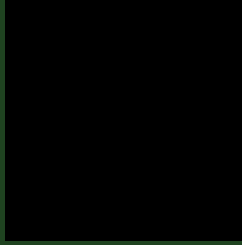
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1F4320 Background



This preview shows how black text looks on a background with the Hex color 1F4320.



This preview shows how white text looks on a background with the Hex color 1F4320.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

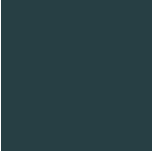
## Dichromacy



**Original Color**  
1F4320

**Protanopia**  
413B1D

**Deuteranopia**  
483823



**Tritanopia**  
273F44

# Trichromacy



**Original Color**  
1F4320

**Protanomaly**  
353E1E

**Deuteranomaly**  
393C22

**Tritanomaly**  
244037

# Monochromacy



**Original Color**  
1F4320

**Achromatopsia**  
343434

**Achromatomaly**  
2C392D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F4320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1F4320 looks like.

```
.text, #text, p{  
    color:#1F4320  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1F4320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4320
}
```

## Border

The CSS property to change the border of an element to Hex 1F4320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F4320 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1F4320 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1F4320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4320; -webkit-box-shadow:4px 4px  
4px 4px #1F4320; box-shadow:4px 4px 4px  
4px #1F4320 }
```

# Background

The CSS property to change the background color of an element to Hex 1F4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4320 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1F4320 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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